#### Sheet 1/9 Grey et al. YOR920010481US1 (SCK)

ESTABLISH AN ORDER FOR A PRODUCT, WHEREIN THE ORDER INCLUDES A FIRST COMPONENT FOR THE PRODUCT AND A NON-BINDING ATTRIBUTE ASSOCIATED WITH THE FIRST COMPONENT 102

DETERMINE A SECOND COMPONENT THAT SATISFIES THE NON-BINDING ATTRIBUTE

104

EXCHANGE THE FIRST COMPONENT WITH THE SECOND COMPONENT IN THE ORDER
106

FIG. 1

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DETERMINE AN ALTERNATE
CONFIGURATION FOR A
PRODUCT AND A NON-BINDING ATTRIBUTE
ASSOCIATED WITH THE CONFIGURATION
142

DETERMINE AN ALTERNATE
CONFIGURATION FOR THE PRODUCT IN
ACCORDANCE WITH THE NON-BINDING
ATTRIBUTE
144

FULFILLING THE ORDER IN ACCORDANCE
WITH THE ALTERNATE CONFIGURATION
146

180 -

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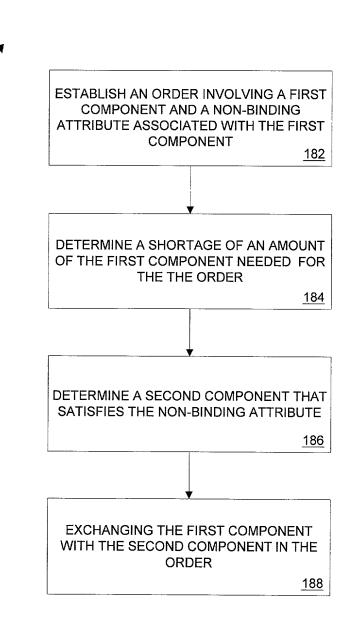


FIG. 3

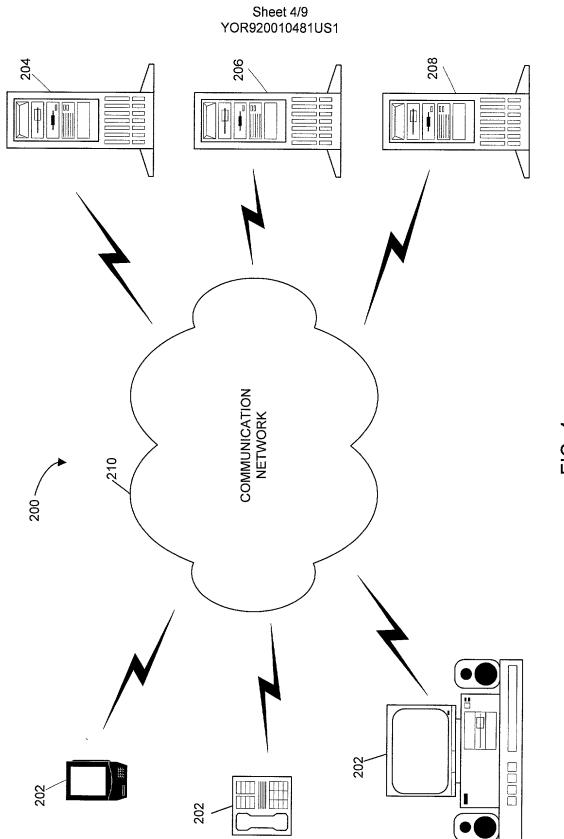
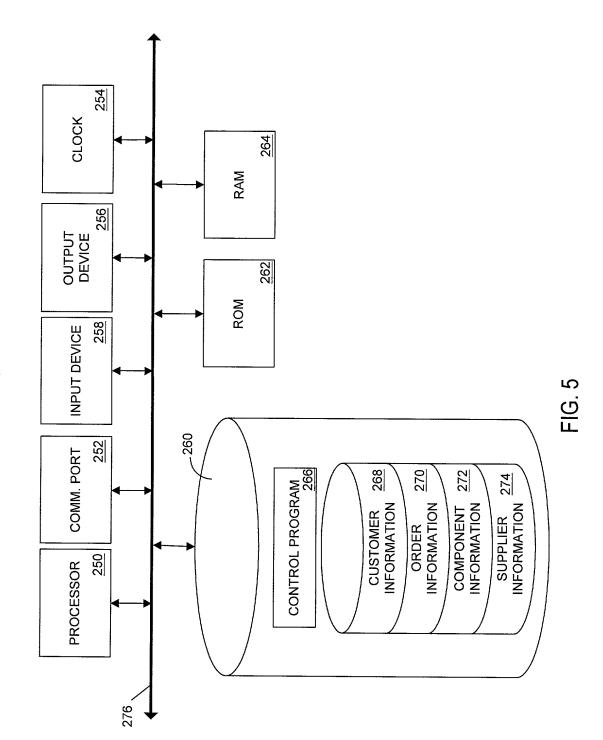


FIG. 4



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		300	
CUSTOMER IDENTIFIER	CUSTOMER NAME	CONTACT INFORMATION	ASSOCIATED ORDER IDENTIFIERS
302	<u>304</u>	<u>306</u>	<u>308</u>
C-123456	ACME COMPANY	BILL JONES BILL@ACME.COM	O-987654
C-587766	ELECTRONIC SOFTWARE, INC.	SUE WILLIAMS 555-555-5555	O-876456 O-567098
C-867454	JACKSON INSURANCE COMPANY	HUGH JACKSON FTP.JIC.COM	O-765432

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	<b>y</b>			
ORDER IDENTIFIER	ORDER DESCRIPTION	ASSOCIATED COMPONENT IDENTIFIERS	NON-BINDING ATTRIBUTE	PRICE ADJUSTMENTS
<u>402</u>	404	406	<u>408</u>	<u>410</u>
O-567098	THIRTY MODEL X5U8 COMPUTER SYSTEMS WITH THIRTY GB HARD DRIVES AND 17 INCH MONITORS	CP-2176 CP-3912 CP-4696	MONITOR CP- 4110 MAY BE USED INSTEAD OF MONITOR CP-4696	PRICE DOES NOT CHANGE
O-765432	TEN THOUSAND MODEL X5U8 COMPUTER SYSTEMS WITH THIRTY GB HARD DRIVES, 19 INCH MONITORS, 56BKPS MODEMS, AND DVD DRIVIES	CP-2176 CP-3912 CP-4110 CP-7015 CP-8812	DISK DRIVE CP- 3219 MAY BE USED INSTEAD OF DISK DRIVE CP-3912	PRICE DECREASES \$10.00 PER COMPUTER IF CP-3912 DISK DRIVE IS USED
O-876456	FIFTY MODEL Q182 COMPUTER SYSTEMS WITH TWENTY GB HARD DRIVES AND 15 INCH MONITORS	CP-2890 CP-3219 CP-5012	DISK DRIVE CP- 3912 MAY BE USED INSTEAD OF DISK DRIVE CP-3219 AND MONITOR CP- 4696 OR CP- 4110 MAY BE USED INSTEAD OF MONITOR CP-5012	PRICE DOES NOT CHANGE
O-987654	FIVE HUNDRED MODEL Q182 COMPUTER SYSTEMS WITH TWENTY GB HARD DRIVES AND 19 INCH MONITORS	CP-2890 CP-3219 CP-4110	DISK DRIVE CP- 3912 MAY BE USED INSTEAD OF DISK DRIVE CP-3219	PRICE INCREASES \$10.00 PER COMPUTER IF CP-3912 DISK DRIVE IS USED

FIG. 7

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500

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COMPONENT IDENTIFIER	COMPONENT DESCRIPTION	SUPPLIER IDENTIFIER	COMMITTED INVENTORY AMOUNT	AVAILABLE INVENTORY AMOUNT
<u>502</u>	<u>504</u>	<u>506</u>	508	<u>510</u>
CP-2176	X5U8 COMPUTER SYSTEM	S-476	30	10,000
CP-2890	Q182 COMPUTER SYSTEM	S-476	20	50
CP-3219	TWENTY GB HARD DRIVE	S-129	1,000	300
CP-3912	THIRTY GB HARD DRIVE	S-129	100	0
CP-4110	19 INCH MONITOR	S-935	50	1,000
CP-4696	17 INCH MONITOR	S-935	0	200
CP-5012	15 INCH MONITOR	S-935	500	500
CP-7015	56 KBPS MODEM	S-129	200	100
CP-8812	DVD DRIVE	S-129	7,000	20,000

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600				
SUPPLIER IDENTIFIER	SUPPLIER NAME	CONTACT INFORMATION		
602	<u>604</u>	<u>606</u>		
S-129	COMPUTERS-ARE- US	LARRY DAVIS 203-555-5555		
S-476	ELECTRONIC WONDERLAND	MARY KITTLE MARY@EW.COM		
S-935	MEMORY AND MORE, INC.	MEMORY@MEMORY.ORG		